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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/791,244
Filing Date	March 2, 2004
First Named Inventor	Yang et al.
Art Unit	2681
Examiner Name	Not Yet Known
Attorney Docket Number	I-2-0455.1US

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO-1449 form (11 pages); 2 cited references
<input type="checkbox"/> Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	C. Frederick Koenig, III		
Date	May 1, 2007	Reg. No.	29,662

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	C. Frederick Koenig, III	Date	May 1, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Yang et al.

**Application No.:** 10/791,244

**Confirmation No.:** 3614

**Filed:** March 2, 2004

**For:** REDUCED COMPLEXITY SLIDING  
WINDOW BASED EQUALIZER

**Group:** 2681

**Examiner:** Not Yet Known

**Our File:** I-2-0455.1US

**Date:** May 1, 2007

### **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449.

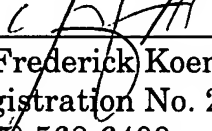
The listed references include references previously cited in this application. Newly cited documents are indicated by an asterisk (\*) on the enclosed Form PTO-1449. Copies of the newly cited non-patent literature documents are enclosed. Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the newly cited U.S. publications and/or patent documents have not been included. The document noted with double asterisks (\*\*) was previously cited on the PTO-1449 forms but contained a typographical error. Accordingly, it is now corrected.

**Applicant: Yang et al.**  
**Application No.: 10/791,244**

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating his consideration of the cited materials.

Respectfully submitted,

Yang et al.

By   
C. Frederick Koenig III  
Registration No. 29,662  
(215) 568-6400

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CFK/mes  
Enclosures (3)

FORM PTO-1449		ATTY. DOCKET NO. I-2-0455.1US		SERIAL NO. 10/791,244			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT Yang et al.					
		FILING DATE March 2, 2004		GROUP 2664			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,412,620	05/1995	Cafarella et al.			
		5,487,069	01/1996	O'Sullivan et al.			
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		6,377,632 B1	04/2002	Paulraj et al.			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,392,595 B1	05/2002	Katz et al.			
		6,396,801	05/2002	Upton et al.			
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	*	2002/145989	10/2002	De Parthapratim et al.			
	*	2003/0026201	02/2003	Arnesen			
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		2003/0147655 A1	08/2003	Shattil			
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		2003/0165131 A1	09/2003	Liang et al.			
		2003/0185310 A1	10/2003	Ketchum et al.			
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		6,674,795 B1	01/2004	Liu et al.			

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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		95/22859	08/1995	WO			
		95/27349	10/1995	WO			
		96/22638	07/1996	WO			
		0 766 468 A2	04/1997	EP			
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		99/62280	12/1999	WO			
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		02/080483 A1	10/2002	WO			
		WO/082683 A2	10/2002	WO			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		02/082683 A2	10/2002	WO				
		1 255 387 A1	11/2002	EP				
		02/093779 A2	11/2002	WO				
		02/093784 A1	11/2002	WO				
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	<p>APPLICANT Yang et al.</p>	
	<p>FILING DATE March 2, 2004</p>	<p>GROUP 2664</p>

## FOREIGN PATENT DOCUMENTS

[illegible]

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		"Fast Algorithm for Solving Toeplitz Systems of Equations", IBM Technical Disclosure Bulletin, May 1980, US, Vol. 22 No. 12.	
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		Vollmer et al., "Comparative Study of Joint-Detection Techniques for TD-CDMA Based Mobile Radio Systems", IEEE Journal on Selected Areas in Communications, Vol. 19, No. 8, August 2001, pp. 1461-1475.	
		Haykin, "Adaptive Filter Theory", Third Edition, Prentice Hall, 1996, pp. 87-93,	
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